

**FIG. 1**

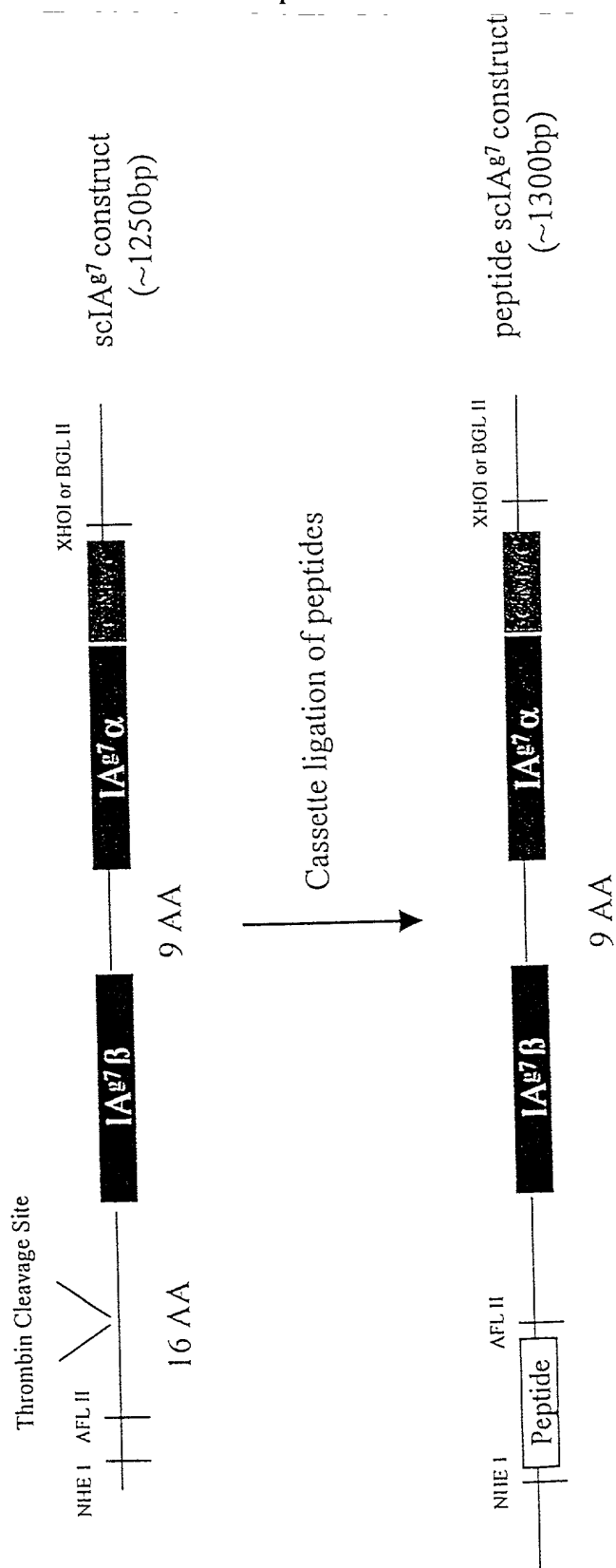


FIG. 2

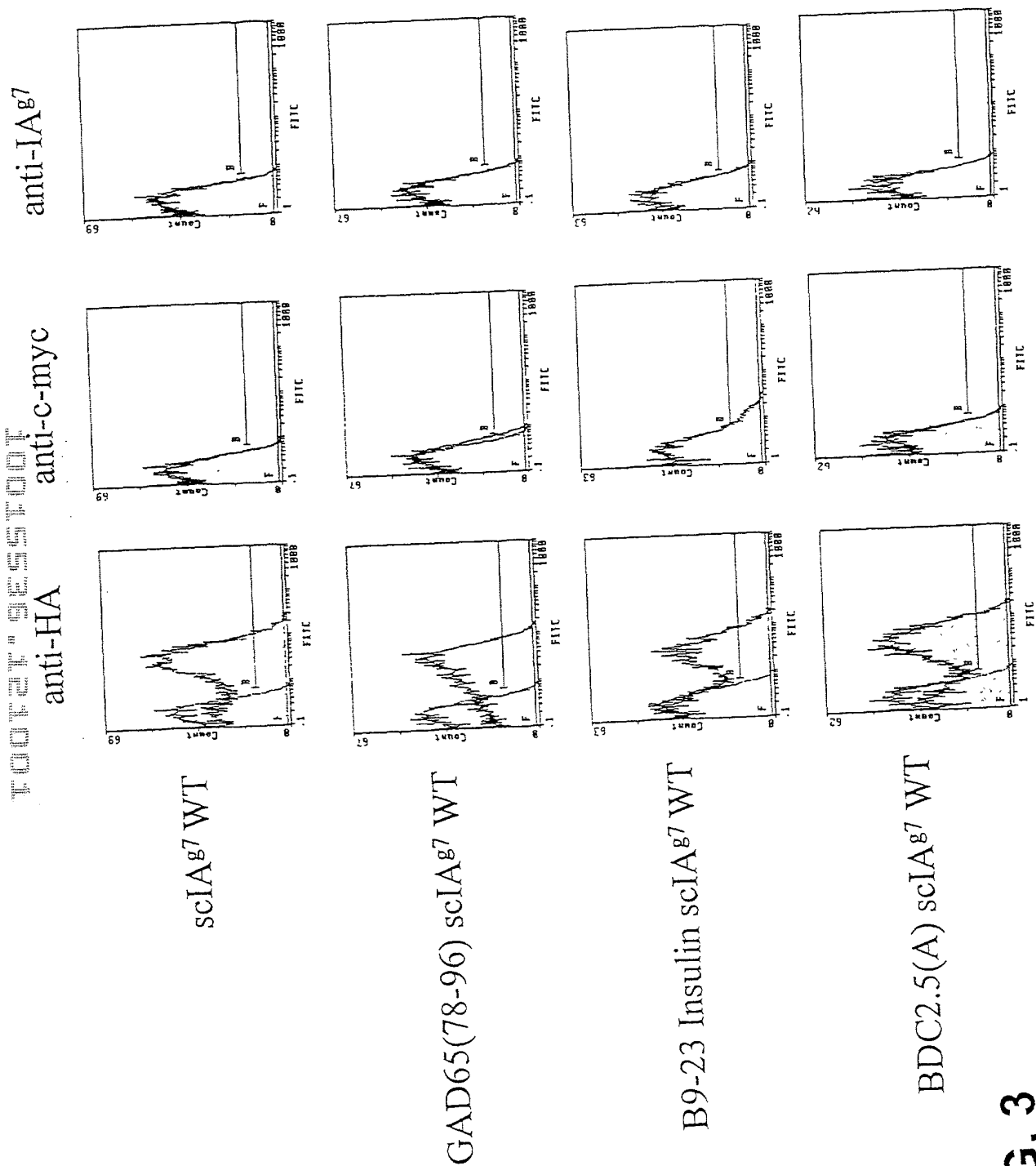


FIG. 3

103-00

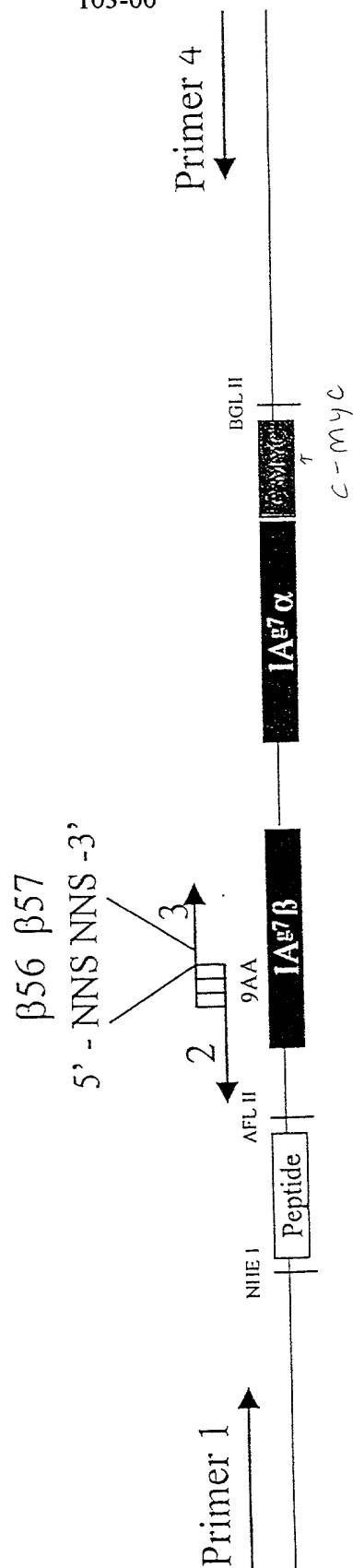


FIG. 4

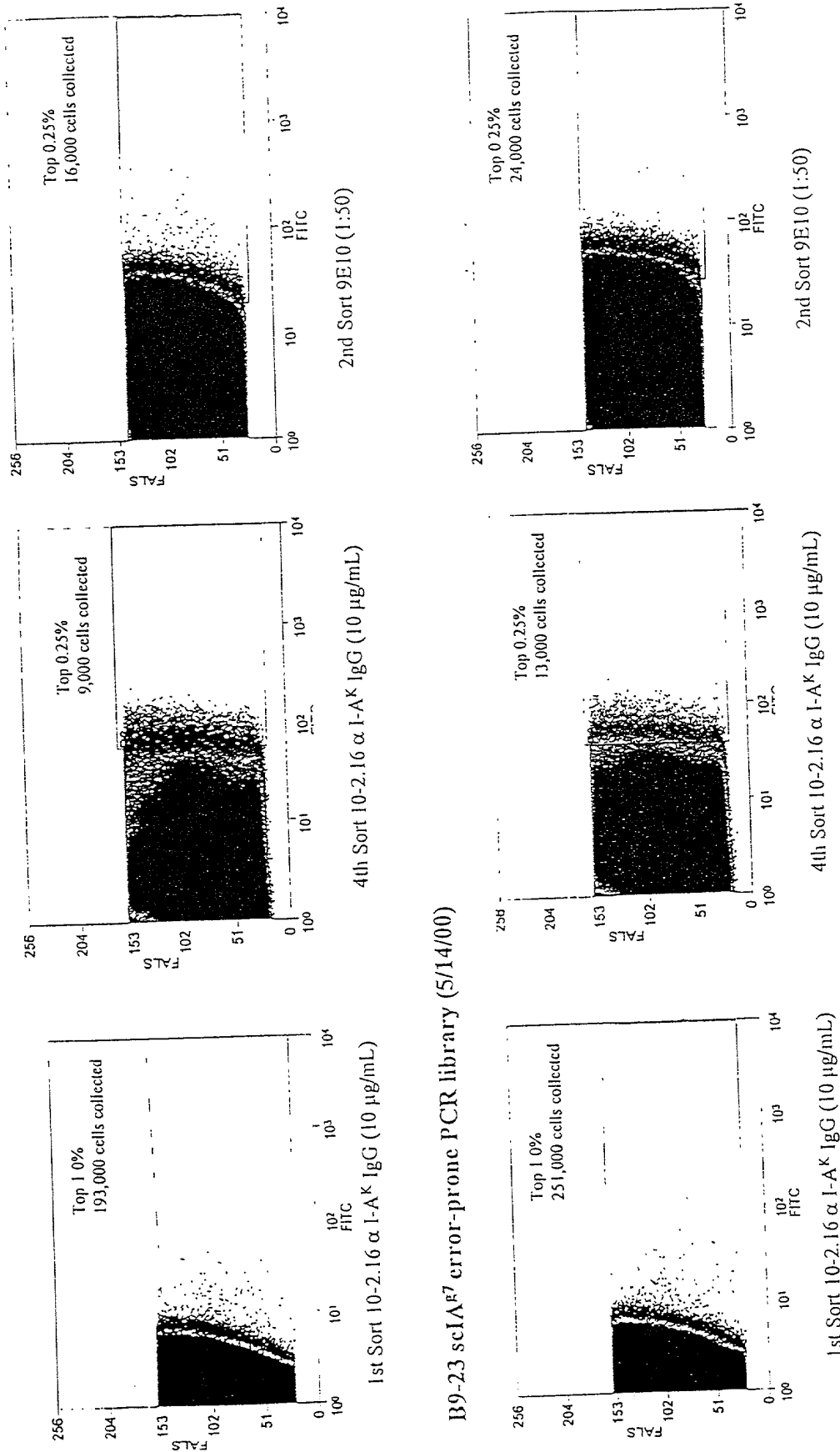


FIG. 5

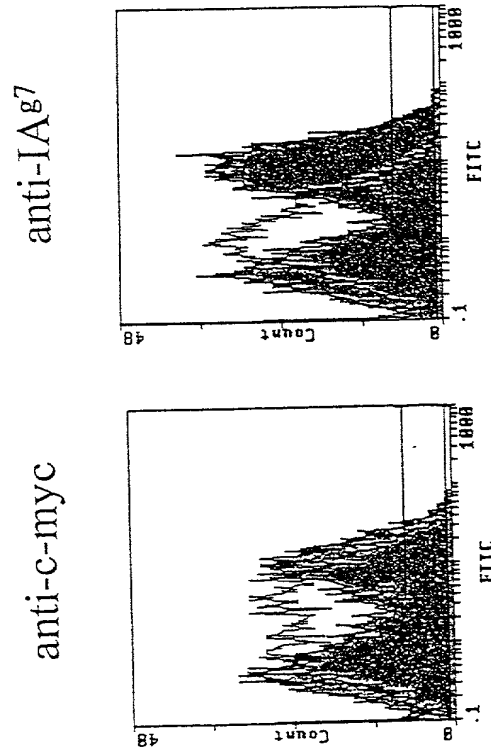


FIG. 6B

FIG. 6A

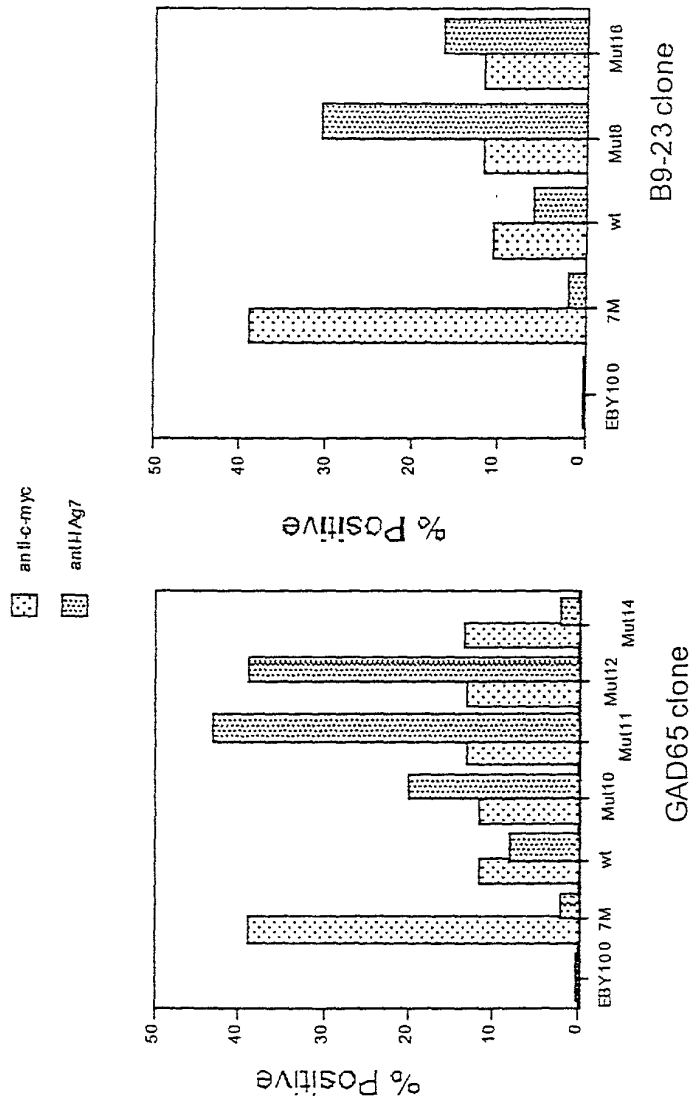


FIG. 7A

FIG. 7B

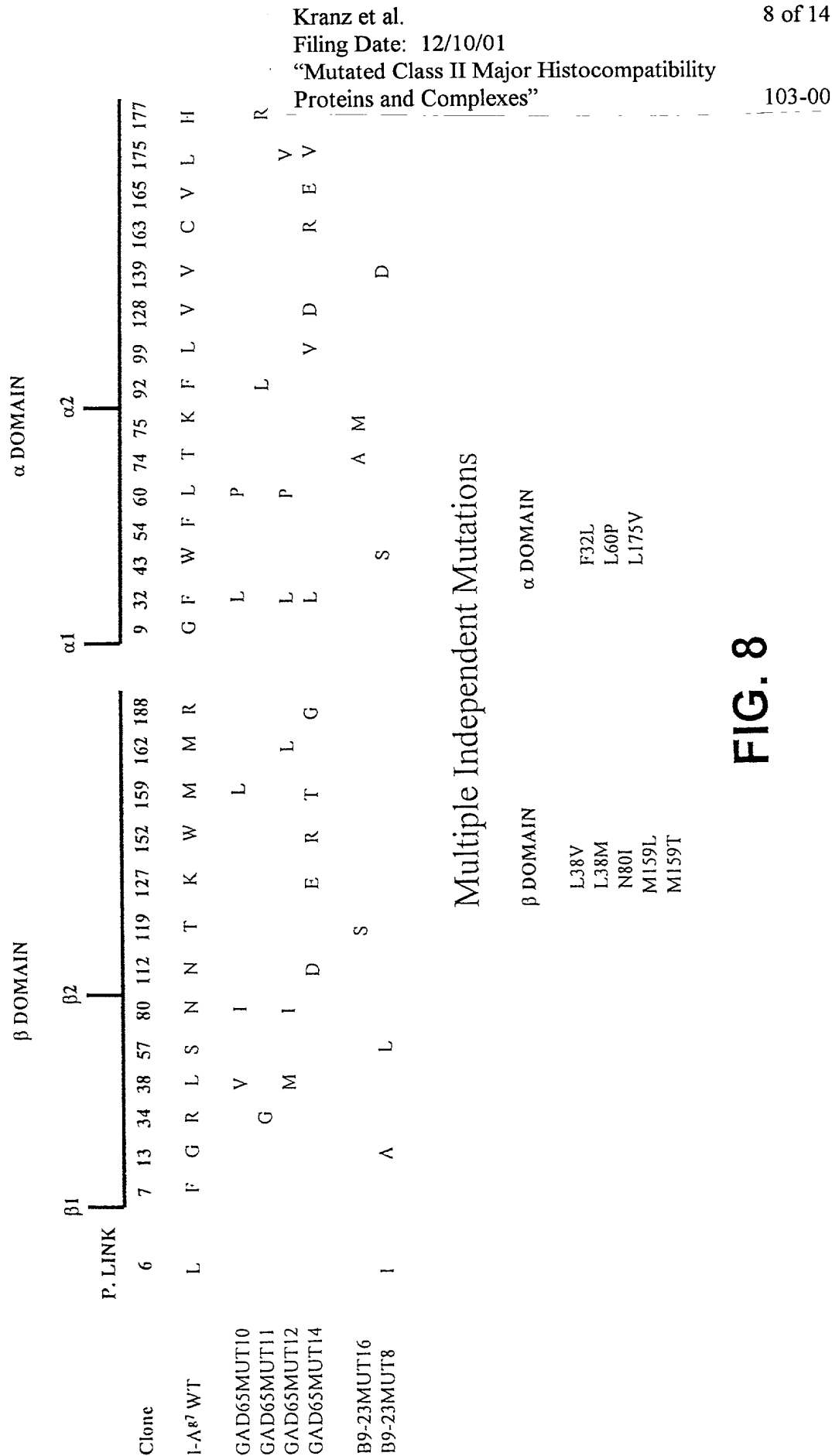


FIG. 8

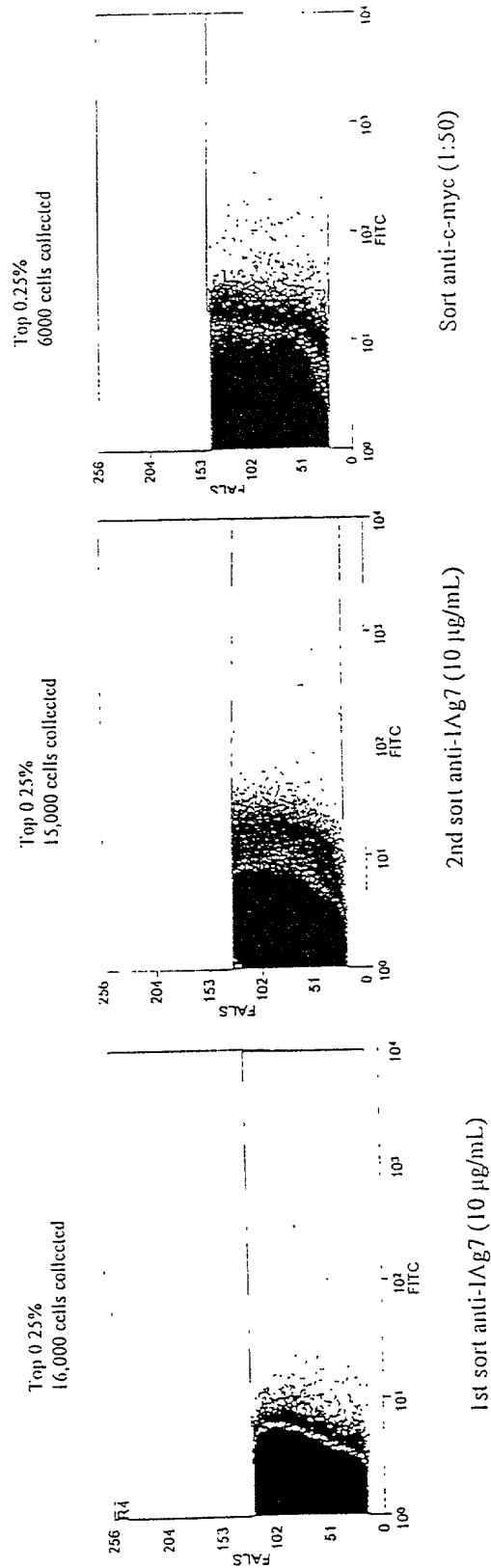


FIG. 9A

FIG. 9B

FIG. 9C

FIG. 10B

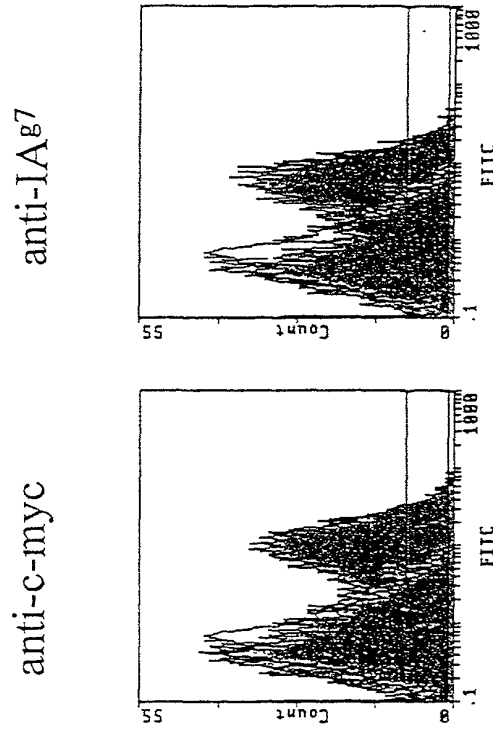


FIG. 10A

unshaded histogram = GAD65 scIAg⁷ WT
shaded histogram = GAD65 scIAg⁷ β 5657 Mut2
Mutations in Mut2: H β 56E; S β 57V

FOOT" 655100

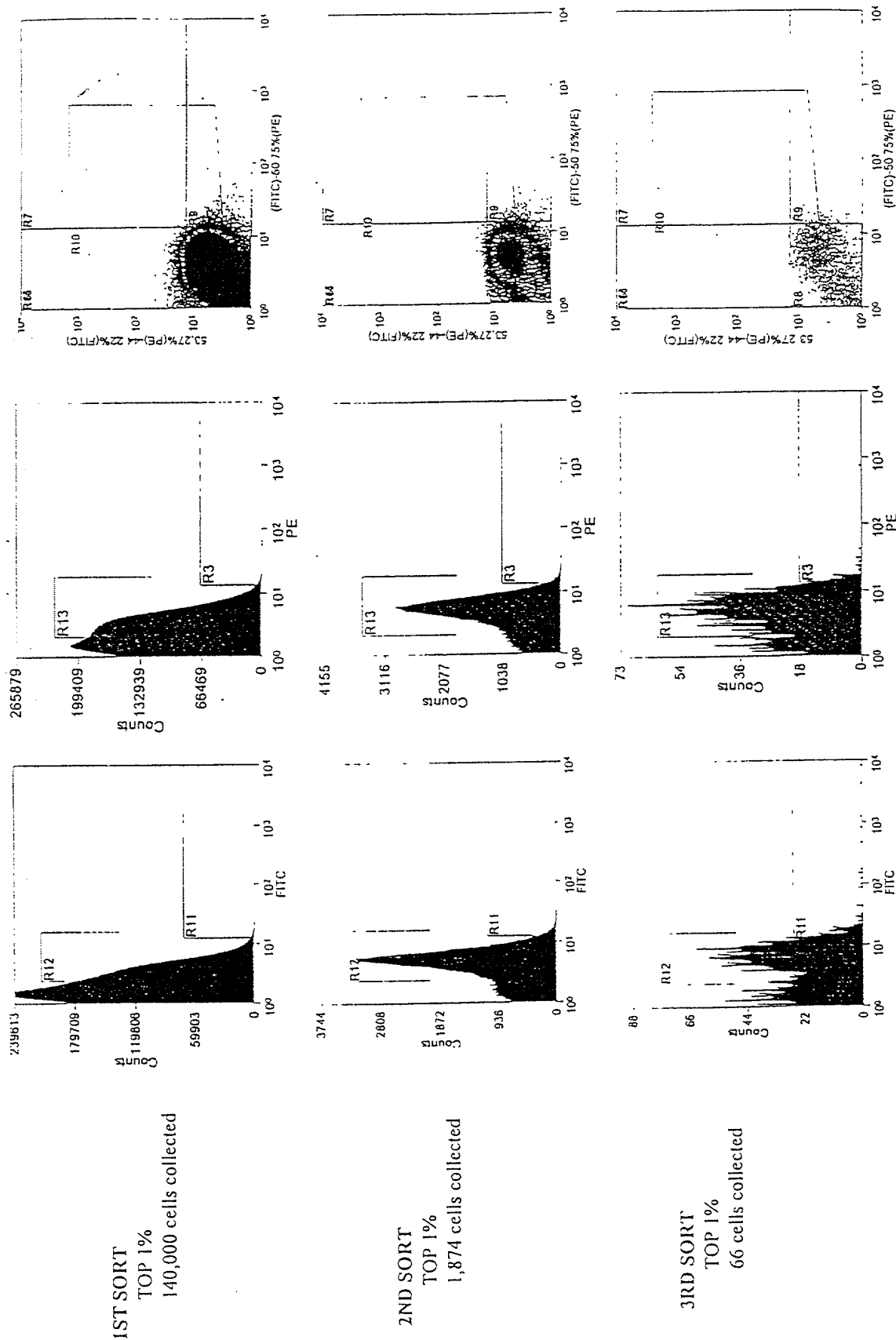
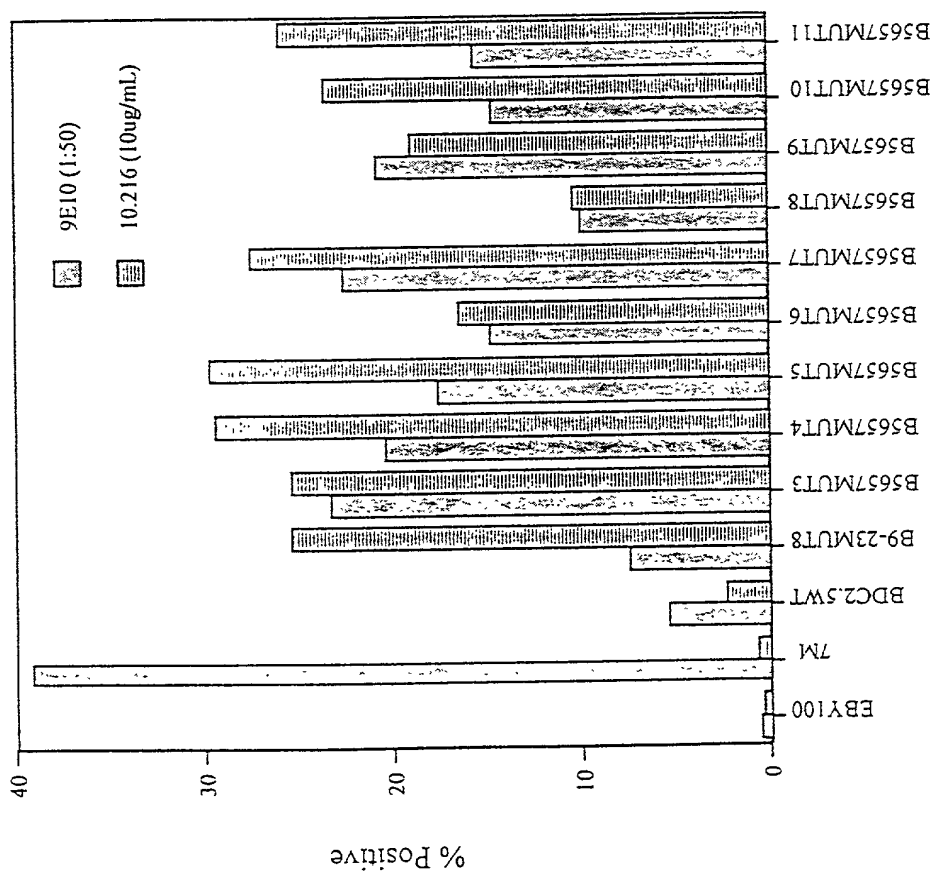


FIG. 11

CLONE	β56	β57
I-A ^d WT	P	D
I-A ^g WT ⁱ	H	S
β5657Mut2*	E	V
β5657Mut3	K	M
β5657Mut4	E	L
β5657Mut5	E	L
β5657Mut6	G	M
β5657Mut7	G	L
β5657Mut8	R	L
β5657Mut9	V	M
β5657Mut10	E	L
β5657Mut11	E	L

*isolated from GAD65 sclA^g library



CLONE

FIG. 12

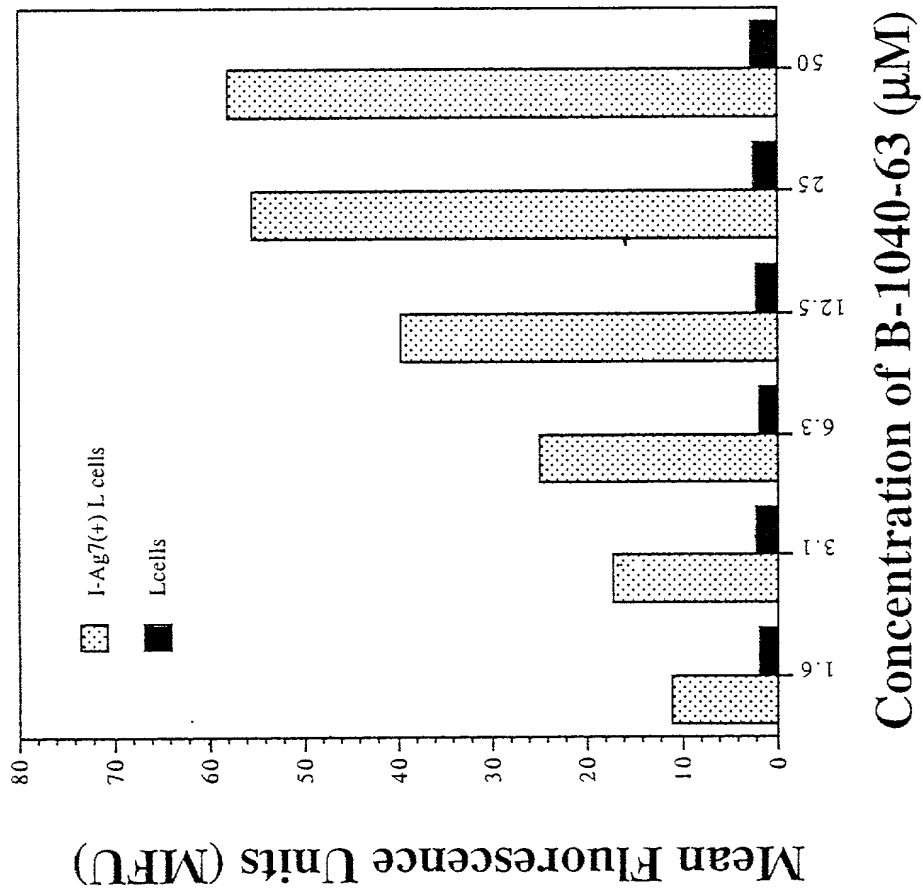


FIG. 13

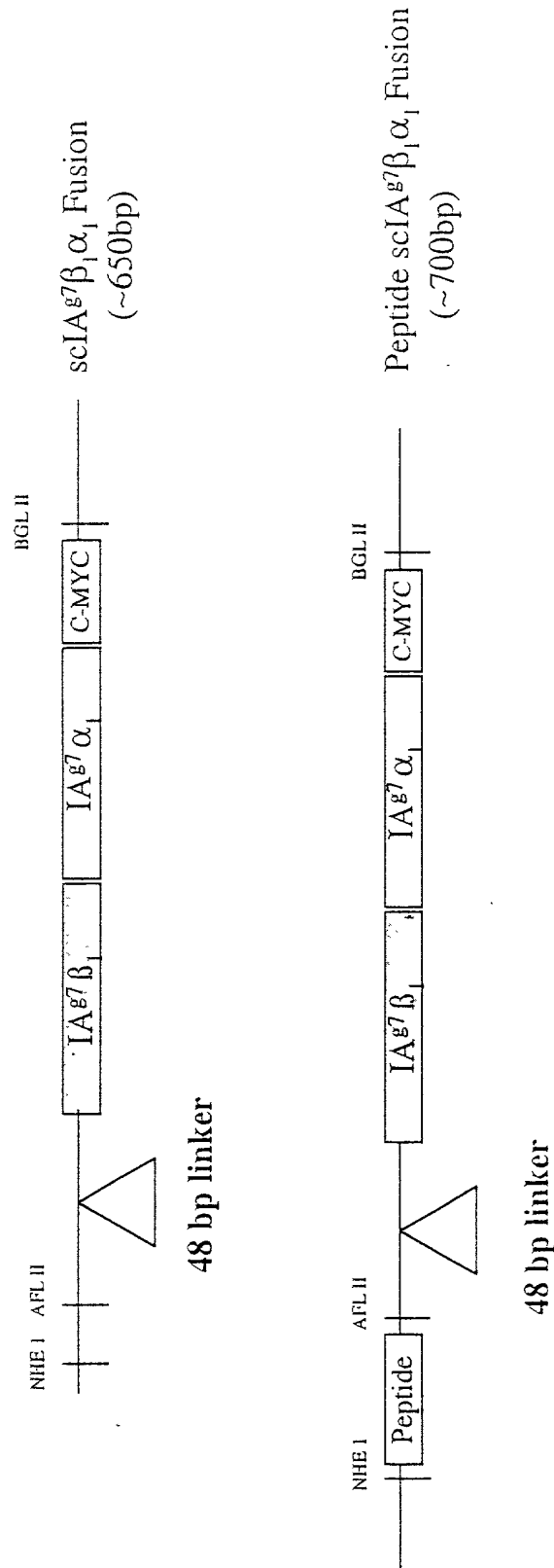


FIG. 14A & 14B